FIG - 1

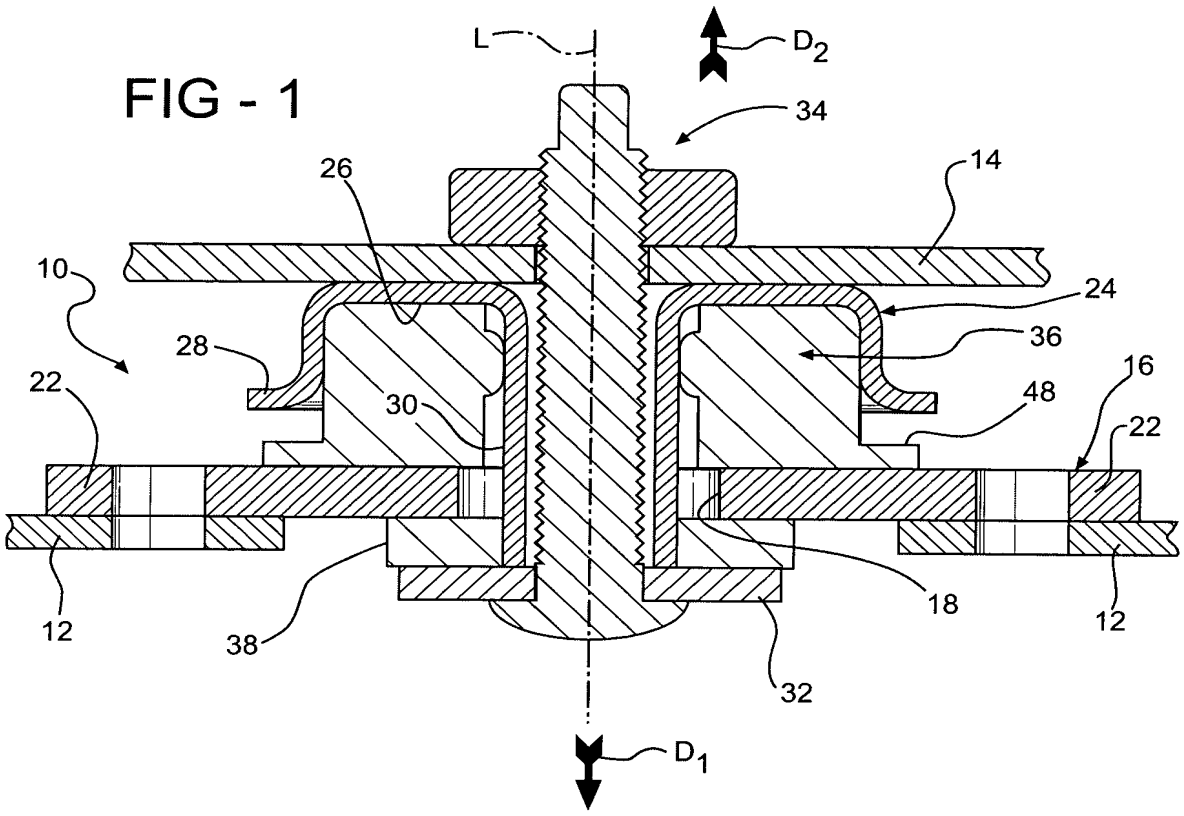

L
D2
34
26
14
10
24
28
36
16
22
30
48
22
18
12
38
12
32
D1

FIG - 4

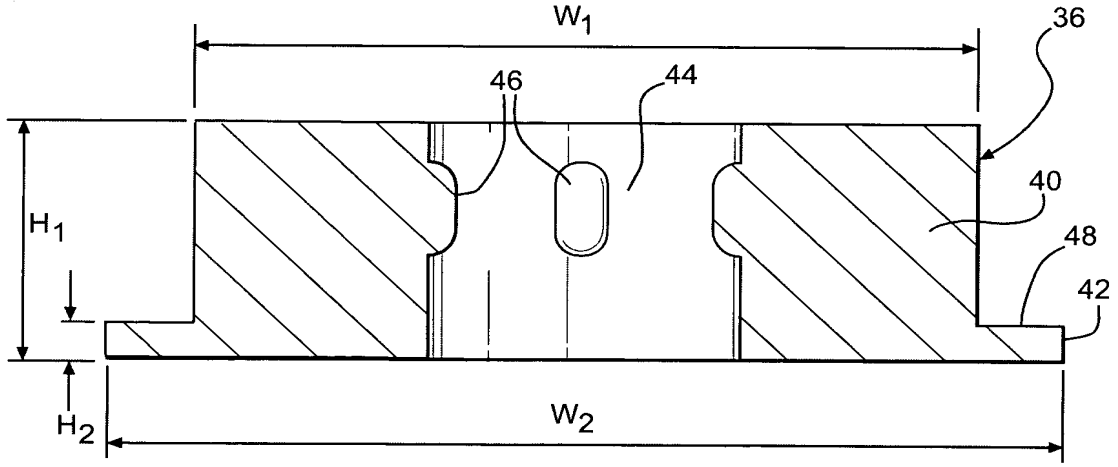

W1
36
46
44
40
H1
48
42
H2
W2

FIG - 2

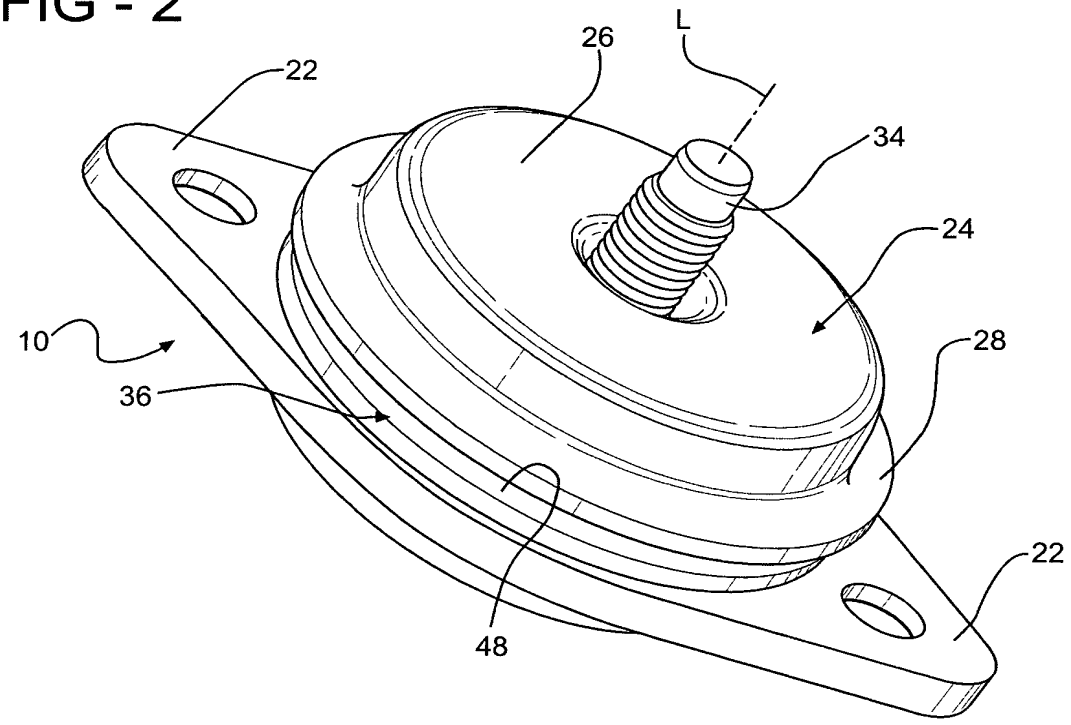


FIG - 3

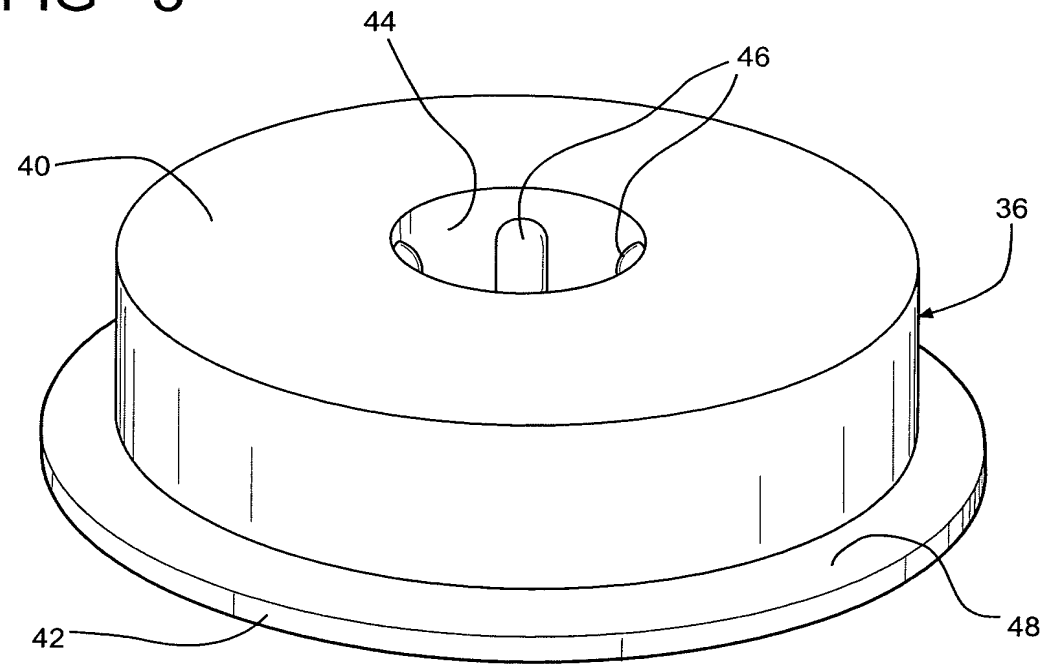


FIG - 5

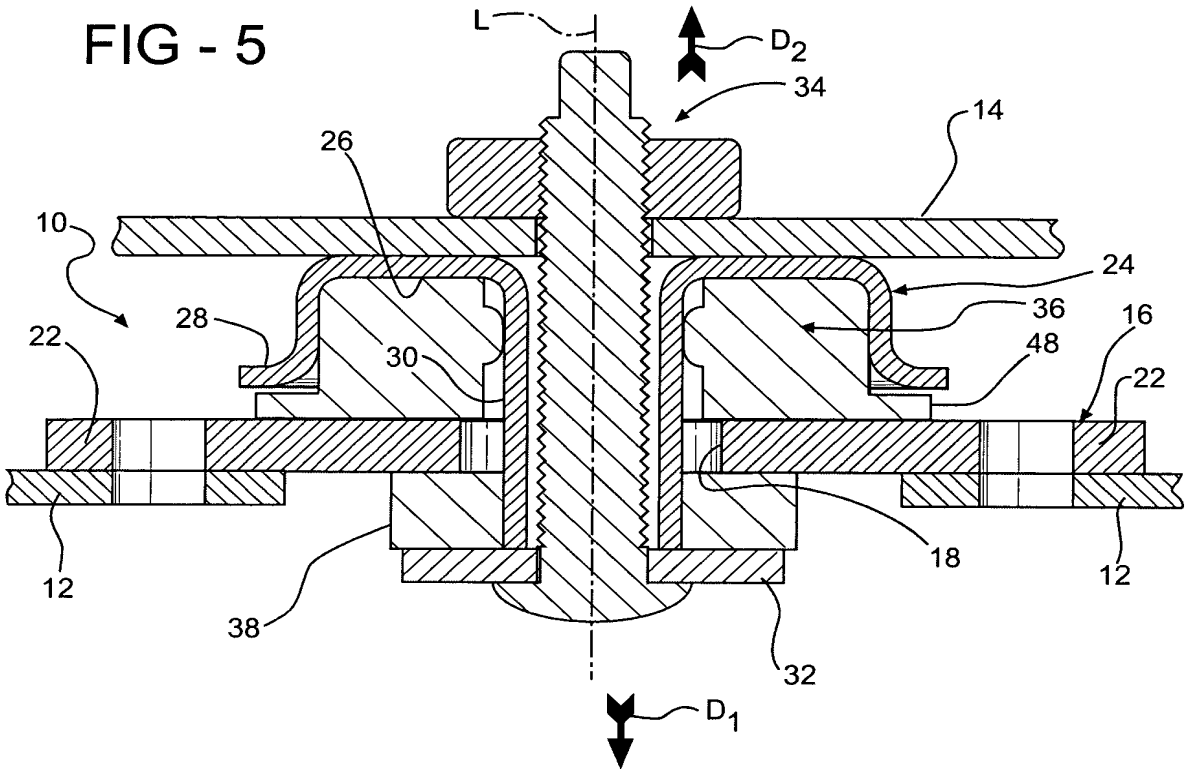

L
D2
34
14
26
10
24
36
16
28
48
22
30
22
18
12
12
38
32
D1

FIG - 6

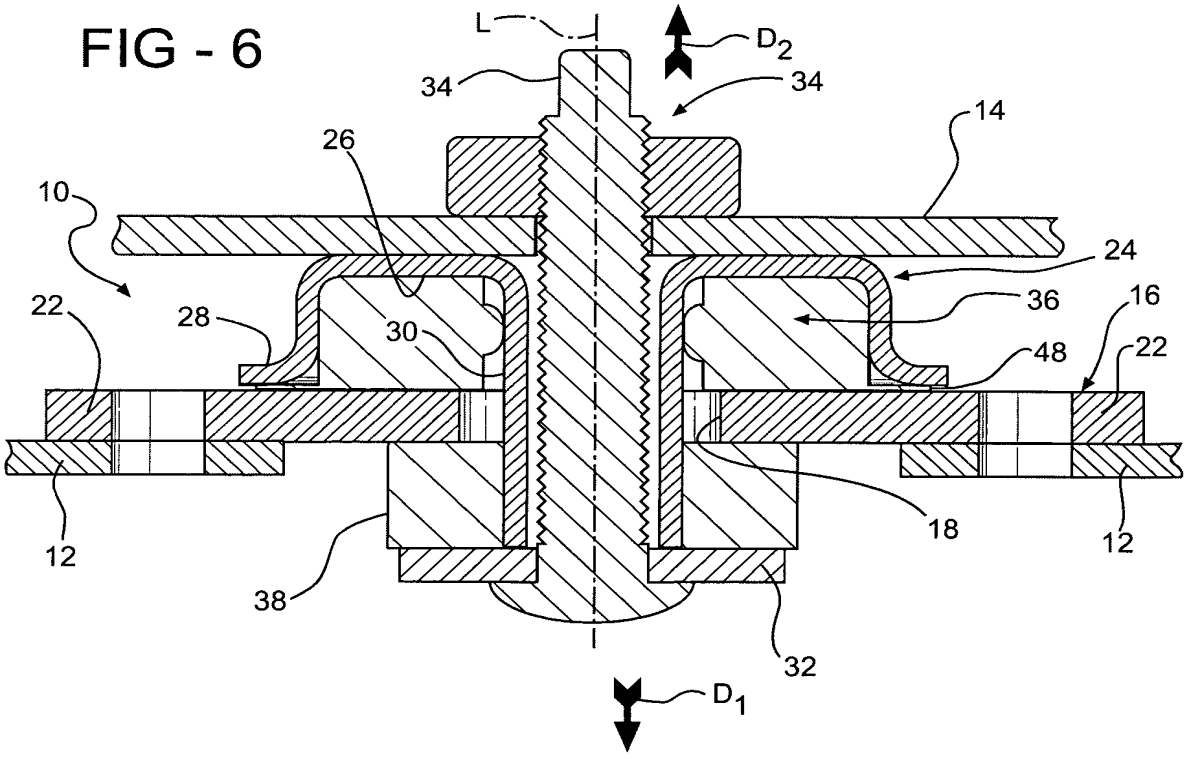
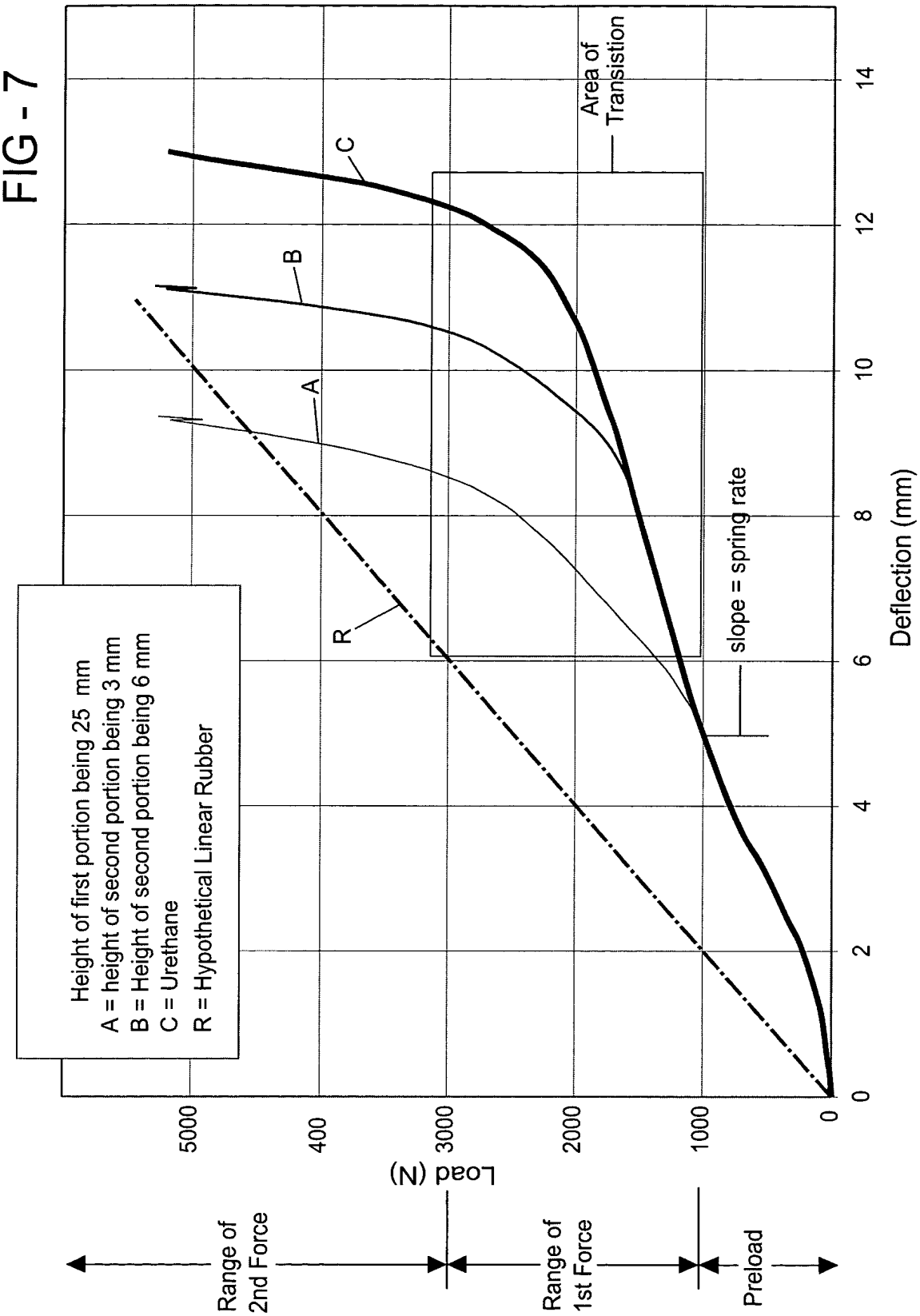

L
D2
34
34
14
26
10
24
36
16
22
28
30
48
22
18
12
12
38
32
D1

FIG - 7


Height of first portion being 25 mm
A = height of second portion being 3 mm
B = Height of second portion being 6 mm
C = Urethane
R = Hypothetical Linear Rubber
Area of Transistion
slope = spring rate
Load (N)
Deflection (mm)
Range of 2nd Force
Range of 1st Force
Preload
0
1000
2000
3000
400
5000
2
4
6
8
10
12
14
A
B
C
R